Weed Research, 1994, Volume 34, 491–494

AUTHOR INDEX 1994

AL-MENOUFI O.A. *see* VAN HEZEWIJK M.J.
ANDERSEN S.B. *see* OLOFSDOTTER M.
ARMAS G. *see* COUSENS R.
ASCARD J. Dose-response models for flame weeding in relation to plant size and density, 377

BALKE N.E. *see* ROYNEBERG T.
BANNISTER P. *see* KEOGH J.A.
BARBOUR M.G. *see* DAKHEEL A.J.
BAWEJA R. *see* COUSENS R.
BENVENUTI S., MACCHIA M. & STEFANI A. Effects of shade on reproduction and some morphological characteristics of *Abutilon theophrasti* Medicus, *Datura stramonium* L. and *Sorghum halepense* L. Pers, 283
BERTI A. & ZANIN G. Density equivalent: a method for forecasting yield loss caused by mixed weed populations, 326
BEULKE S. *see* GOTTESBÜREN B.
BLUMENFELD T. *see* KLEIFELD Y.
BOS H.J. *see* LOTZ L.A.P.
BOUHACHE M., BOULET C. & CHOUGRANI A. Aspects floristico-agronomiques des mauvaises herbes de la region du Loukkos (Maroc), 119
BOULET C. *see* BOUHACHE M.
BOWES G.G. *see* THOMAS A.G.
BOYLE C. *see* VOLKER K.
BULCKE R. *see* ROUCHAUD J.
BUXBAUM H. *see* KLEIFELD Y.

CALLENS D. *see* ROUCHAUD J.
CASTEJÓN-MUÑOZ M. *see* GARCÍA-TORRES L.
CATIZONE P. *see* VICARI A.
CAVERS P.B. *see* ZHANG J.
CAVERS P.B. *see* ZHANG J.
CECHIN I. & PRESS M.C. The influence of nitrogen on growth and photosynthesis of sorghum infected with *Striga hermonthica* from different provenances, 289
CHAMEL A. *see* CORET J.
CHOUGRANI A. *see* BOUHACHE M.
CHRISTENSEN C. Crop weed competition and herbicide performance in cereal species and varieties, 29
COOPER F.B. *see* CUSSANS G.W.
CORET J. & CHAMEL A. Effect of some ethoxylated alkylphenols and ethoxylated alcohols on the transfer of [^{14}C]chlortoluron across isolated plant cuticles, 445
COUSENS R., ARMAS G. & BAWEJA R. Germination of *Rapistrum rugosum* (L.) from New South Wales, Australia, 127
COX T.I. *see* POPAY A.I.
CUSSANS G.W., COOPER F.B., DAVIES D.H.K. & THOMAS M.R. A survey of the incidence of the Bromus species as weeds of winter cereals in England, Wales and parts of Scotland, 361

DAKHEEL A.J., RADOSEVICH S.R. & BARBOUR M.G. Effects of temperature and moisture on growth, interference and photosynthesis of *Bromus tectorum* and *Taeniatherum asperum*, 11
DASTGHEIB F., FIELD R.J. & NAMJOU S. The mechanisms of differential response of wheat cultivars to chlorosulfuron, 299
DAVIES D.H.K. *see* CUSSANS G.W.
DIXON F.L. *see* LUTMAN P.J.W.

ERVIÖ L.-R. *see* JUNNILA S.

FELDMAN S.R., VESPRINI J.L. & LEWIS J.P. Survival and establishment of *Carduus acanthoides* L., 265
FIELD R.J. *see* DASTGHEIB F.
FRANTIK T. Interference of *Chenopodium suecicum* J. Murr. and *Amaranthus retroflexus* L. in maize, 45

GAILLARDON P. & SABAR M. Changes in the concentration of isoproturon and its degradation products in soil and soil solution during incubation at two temperatures, 243
GARCÍA-TORRES L. *see* VAN HEZEWIJK M.J.
GARCÍA-TORRES L., LÓPEZ-GRANADOS F. & CASTEJÓN-MUÑOZ M. Pre-emergence herbicides for the control of broomrape (*Orobanche cernua* Loefl.) in sunflower (*Helianthus annus* L.), 395
GASKIN R.E. & WOON G.W. Antagonistic effects of 2, 4-D, MCPA and MCPB on uptake and translocation of haloxyfop-ethoxyethyl in oat (*Avena sativa* L.) 437
GOLAN S. *see* KLEIFELD Y.
GOLDWASSER Y. *see* KLEIFELD Y.
GOTTESBÜREN B., BEULKE S., HEIERMANN M. & PESTEMER W. Freiland- und laborversuche zur Validierung von Prognosedellen des Expert-systems HERBASYS zur Nachbauproblematik nach Herbizideinsatz, 63
GROENEVELD R.M.W. *see* LOTZ L.A.P.
GUSTIN F. *see* ROUCHAUD J.

HALL J.C. *see* MACDONALD R.L.
HEIERMANN M. *see* GOTTESBÜREN B.
HEINONEN-TANSKI H. *see* JUNNILA S.
HERZLINGER G. *see* KLEIFELD Y.
HILL T.A. *see* QUASEM J.R.
HSIAO A.I. *see* LIU S.H.

INGLE A. *see* POPAY A.I.

JASIENIUK M. *see* ZHANG J.
JOEL D.M. *see* KLEIFELD Y.
JUNNILA S., HEINONEN-TANSKI H., ERVIÖ L.-R. & LAITINEN P. Phytotoxic persistence and microbiological effects of chlorosulfuron and metasulfuron in Finnish soils, 413
JUNNILA S., HEINONEN-TANSKI H., ERVIO L.-R., LAITINEN P. & MURANEN R. Phytotoxic persistance and microbiological effects of flurochloridone in Finnish soils, 79

KAHANA D. *see* KLEIFELD Y.
KEOGH J.A. & BANNISTER P. Seed structure and germination in *Discaria toumatu* (Rhamnaceae), 481
KERR R. *see* POPAY A.I.
KIRKWOOD R.C. *see* MARSHALL G.
KJAER C. Sublethal effects of chlorsulfuron on black bindweed (*Polygonum convolvulus* L.), 453
KLEIFELD Y., GOLDWASSER Y., HERZLINGER G., JOEL D.M., GOLAN S. & KAHANA D. The effect of flax (*Linum usitatissimum* L.) and other crops as trap and catch crops for control of Egyptian broomrape (*Orobanche aegyptica* Pers.), 37
KLEIFELD Y., RUBIN B., BLUMENFELD T., HERZLINGER G., BUXBAUM H. & GOLAN S. Soil-incorporated trifluralin protects cotton (*Gossypium hirsutum*) from root-absorbed herbicides, 461
KNOCHE M. Organosilicone surfactant performance in agricultural spray application: a review, 221
KROPFF M.J. *see* LOTZ L.A.P.
KUDSK P. & MATHIASSEN S.K. Effects of broadleaf herbicides on imazamethabenz-methyl performance on wild oat (*Avena fatua* L.), 251

LAITINEN P. *see* JUNNILA S.

LEACH G.E. *see* MARSHALL G.
LEFKOVITCH L.P. *see* THOMAS A.G.
LEGUIZAMON E.S. *see* VITTA J.I.
LEWIS J.P. *see* FELDMAN S.R.
LINKE K.-H. *see* VAN HEZEWIJK M.J.
LIU S.H., QUICK W.A., HSIAO A.I. & STREIBIG J.C. Effect of MCPA on the phytotoxicity of imazamethabenz-methyl applied to wild oats (*Avena fatua* L.), 425
LOLAS P.C. Herbicides for control of broomrape (*Orobanche ramosa* L.) in tobacco (*Nicotania tabacum*), 205
LOPEZ-GRANADOS F. *see* GARCIA-TORRES L.
LOPEZ-GRANADOS F. *see* VAN HEZEWIJK M.J.
LOTZ L.A.P., KROPFF M.J., WALLINGA J., BOS H.J. & GROENEVELD R.M.W. Techniques to estimate relative leaf area and cover of weeds in crops for yield loss prediction, 167
LUND-HOIE K. *see* ROYNEBERG T.
LUTMAN P.J.W., DIXON F.L. & RISIOTT R. The response of four spring-sown combinable arable crops to weed competition, 137

MACCHIA M. *see* BENVENUTI S.
MACDONALD R.L., SWANTON C.J. & HALL J.C. Basis for the selective action of fluroxypyr, 333
MAILLET J. *see* TALEB A.
MALKOMES H.-P. Einfluss racemischer und optisch aktiver Dichlorprop-Herbizide auf mikrobielle Activitaten im Boden, 211
MARSHALL G., KIRKWOOD R.C. & LEACH G.E. Comparative studies on graminicide-resistant and susceptible biotypes of *Eleusine indica*, 177
MATHIASSEN S.K. *see* KUDSK P.
MCMULLAN P.M. The influence of temperature on barley (*Hordeum vulgare* L.) tolerance to diclofop-methyl or fenoxaprop-P-ethyl mixtures, 23
MELANDER B. Modelling the effects of *Elymus repens* (L.) Gould competition on yield of cereals, peas and oilseed rape, 99
MISRA J. *see* SAHOO U.K.
MÜLLER-SCHÄRER H. *see* SANER M.A.
MURANEN R. *see* JUNNILA S.

NAMJOU S. *see* DASTGHEIB F.
OLESEN A. *see* OLOFSDOTTER M.
OLOFSDOTTER M., OLESEN A., ANDERSEN S.B. & STREIBIG J.C. A comparison of herbicide assays in cell cultures and whole plants, 387
ONOFRIO A. & TEI F. Competitive ability and threshold levels of three broadleaf weed species in sunflower, 471

PANDEY H.N. *see* SAHOO U.K.
PESCHKEN D.P. *see* THOMAS A.G.
PESTEMER W. *see* GOTTESBÜREN B.
PIETERSE A.H. *see* VAN HEZEWIJK M.J.
POPAY A.I., COX T.I., INGLE A. & KERR R. Effects of soil disturbance on weed seedling emergence and its long-term decline, 403
PRESS M.C. *see* CECHIN I.

QUASEM J.R. & HILL T.A. Inter- and intraspecific competition of fat-hen (*Chenopodium album* L.) and groundsel (*Senecio vulgaris* L.), 109
QUICK W.A. *see* LIU S.H.

RADOSEVICH S.R. *see* DAKHEEL A.J.
RISIOTT R. *see* LUTMAN P.J.W.

ROUCHAUD J., GUSTIN F., CALLENS D., VAN HIMME M. & BULCKE R. Formation and persistance of metabolites of imazamethabenz-methyl in sandy loam soil, 309
ROYNEBERG T., BALKE N.E. & LUND-HOIE K. Cycloxydim adsorption by suspension-cultured velvetleaf (*Abutilon threophrastri* Medic.) cells, 1
RUBIN B. *see* KLEIFELD Y.

SABAR M. *see* GAILLARDON P.
SAHOO U.K., TRIPATHI R.S., PANDEY H.N. & MISRA J. Population dynamics of buried weed seeds as influenced by shifting and terrace cultivation in the humid subtropics of India, 157
SANER M.A. & MÜLLER-SCHÄRER H. Impact of root mining by *Eteobalea* spp. on clonal growth and sexual reproduction of common toadflax, *Linaria vulgaris* Mill., 199
SATORRE E.H. *see* VITTA J.I.
SAXENA M.C. *see* VAN HEZEWIJK M.J.
STEFANI A. *see* BENVENUTI S.
STREIBIG J.C. *see* LIU S.H.
STREIBIG J. C. *see* OLOFSDOTTER M.
SWANTON C.J. *see* MACDONALD R.L.

TALEB A. & MAILLET J. Mauvaises herbes des cereales de la Chaouia (Maroc). I. Aspect floristique, 345
TALEB A. & MAILLET J. Mauvaises herbes des cereals de la Chaouia (Maroc). II. Aspect ecologique, 353
TEI F. *see* ONOFRIO A.
THOMAS A.G., LEFKOVITCH L.P., WOO S.L., BOWES G.G. & PESCHKEN D.P. Effect of temperature on germination within and between diploid and tetraploid populations of *Matricaria perforata* Merat, 187
THOMAS M.R. *see* CUSSANS G.W.
TRIPATHI R.S. *see* SAHOO U.K.
TSUYUZAKI S. Rapid seed extraction from soils by a flotation method, 433

VAN HEZEWIJK M.J., LINKE K.-H., LOPEZ-GRANADOS F., AL-MENOUFI O.A., GARCIA-TORRES L., SAXENA M.C., VERKLEIJ J.A.C. & PIETERSE A.H. Seasonal changes in germination response of buried seeds of Orobanche crenata Forsk, 369
VAN HIMME M. *see* ROUCHAUD J.
VERKLEIJ J.A.C. *see* VAN HEZEWIJK M.J.
VESPRINI J.L. *see* FELDMAN S.R.
VICARI A., CATIZONE P. & ZIMDAHL R.L. Persistance and mobility of chlorsulfuron and metsulfuron under different soil and climatic conditions, 147
VITTA J.I., SATORRE E.H. & LEGUIZAMON E.S. Using canopy attributes to evaluate competition between *Sorghum halepense* (L.) Pers. and soybean, 89
VOLKER K. & BOYLE C. Bean rust as a model system to evaluate efficiency of teliospore induction, especially in the potential mycoherbicide *Puccinia punctiliformis*, 275

WALLINGA J. *see* LOTZ L.A.P.
WOO S.L. *see* THOMAS A.G.
WOON G.W. *see* GASKIN R.E.

ZANIN G. *see* BERTI A.
ZHANG J. & CAVERS P.B. Effect of herbicide application on fruit characters of *Xanthium strumarium* L. populations, 319
ZHANG J., CAVERS P.B. & JASIENIUK M. Response of *Xanthium strumarium* populations to sublethal applications of bentazone, 55
ZIMDAHL R.L. *see* VICARI A.